

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6464	(mesh same (3d or 3-d or 3-dimension\$ or three near dimension\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:37
L2	935	(exhaust same optim\$ same (noise or frequenc\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:37
L3	1	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:37
L4	1300	(mesh same (3d or 3-d or 3-dimension\$ or three near dimension\$)) same model\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:40
L5	0	4 and exhaust	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:38
L6	123	4 and car	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:38
L7	168649	(mesh same (deform\$ form\$4 mold\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:40
L8	1825	7 and ((3d or 3-d or 3-dimension\$ or three near dimension\$)) same model\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:40
L9	2086	7 and ((3d or 3-d or 3-dimension\$ or three near dimension\$)) same (model\$ or simulat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:41
L10	61	9 and (exhaust or muffle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:42

L11	60	9 and (exhaust or muffler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:42
L12	2615293	11 (noise or vibration or frequenc\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:42
L13	22	11 and (noise or vibration or frequenc\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:42
L14	4	11 and (noise or vibration or frequenc\$) same (optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:43
L15	5	11 and (noise or vibration or frequenc\$) same (optim\$ adjust\$ tun\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:43
L16	5	11 and (noise or vibration or frequenc\$) same (optim\$ adjust\$ tun\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:54
L17	1712	(703/2)".ccls"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:51
L18	81	17 and (703/7).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:51
L19	1898	17 or (703/7).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:51
L20	3443	(mesh near10 (model\$ or simulat\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:52

L21	141	19 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:52
L22	123	21 and @ad <= "20011129"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:53
L23	19	21 and @ad >= "20011129"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:52
L24	0	22 and exhaust	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:53
L25	17	22 and (noise or vibration or frequenc\$) same (optim\$ adjust\$ tun\$4 reduc\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:54
L26	1	25 and car	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:55
L27	5	25 and (car or vehicle or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:55
L28	1	25 and (car or vehicle or automobile) near3 (part or component)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:55

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	optistruct	USPAT	OR	OFF	2005/03/14 13:07
L2	0	optistruct	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 13:14
L3	106	exhaust adj tun\$5	USPAT	OR	OFF	2005/03/14 13:14
L4	0	3 and (frequency adj response)	USPAT	OR	OFF	2005/03/14 13:15
L5	6	3 and (frequency and response)	USPAT	OR	OFF	2005/03/14 13:16
L6	0	4 and design and simulation	USPAT	OR	OFF	2005/03/14 13:16
L7	28529	design and simulation	USPAT	OR	OFF	2005/03/14 13:16
L8	13207	7 and model	USPAT	OR	OFF	2005/03/14 13:17
L9	14111	7 and model	USPAT	OR	ON	2005/03/14 13:17
L10	43231	design\$4 and simulat\$6 and model\$4	USPAT	OR	ON	2005/03/14 13:17
L11	974	10 and engine and exhaust	USPAT	OR	ON	2005/03/14 13:17
L12	12	11 and cad	USPAT	OR	ON	2005/03/14 13:24
L13	37	altair.as.	USPAT	OR	OFF	2005/03/14 13:40
L14	35	exhaust adj design	USPAT	OR	OFF	2005/03/14 13:40
L15	101	muffler adj design	USPAT	OR	OFF	2005/03/14 13:40
L16	2	14 and 15	USPAT	OR	OFF	2005/03/14 13:40
L17	16	("0823115" "4006793" "4046219" "4185715" "4220219" "4557349" "4790409" "4848513" "5129793" "5168132" "5350888" "5413189" "5502283" "5659158").PN. OR ("6199658").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 13:41
L18	16	("0981584" "0981770" "4424882" "4643272" "4679597" "4683978" "4809812").PN. OR ("5659158"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 13:43
L19	5271	mesh and (muffler or exhaust) and design	USPAT	OR	OFF	2005/03/14 13:43
L20	87	mesh same (muffler or exhaust) same design	USPAT	OR	OFF	2005/03/14 13:43
L21	106	mesh same (muffler or exhaust) same design	USPAT	OR	ON	2005/03/14 13:47
L22	0	21 and cad	USPAT	OR	OFF	2005/03/14 13:44
L23	14	cad and (3d or 3-d) and analysis and tuning and cavity	USPAT	OR	ON	2005/03/14 13:49

L24	69	cad and (3d or 3-d) and analysis and sound and vibration	USPAT	OR	ON	2005/03/14 13:49
L25	14	24 and mesh	USPAT	OR	ON	2005/03/14 13:53
L26	2	(mesh adj analysis) and (3-d or 3d) and CAD	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:55
L27	64	(mesh same (3-d or 3d)) and CAD and mechanical and design	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:56
L28	0	27 and (muffler or exhaust)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:56
L29	13	27 and automobile	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:56

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	82	(mesh same (3d or 3-d)) and cad and design and auto\$6	USPAT	OR	ON	2005/03/14 14:05
L2	16	(mesh same (3d or 3-d)) and cad and design and (automotive or automobile)	USPAT	OR	ON	2005/03/14 14:06

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("rayon").PN	USPAT; USOCR	OR	OFF	2005/03/14 14:24
L2	22414	rayon	USPAT	OR	OFF	2005/03/14 14:24
L3	114	2 and mesh and 3d	USPAT	OR	OFF	2005/03/14 14:24
L4	7	3 and exhaust	USPAT	OR	OFF	2005/03/14 14:26
L5	0	rayon-ibem	USPAT	OR	OFF	2005/03/14 14:26
L6	1	ibem	USPAT	OR	OFF	2005/03/14 14:31
L7	3	vibro same acoustics	USPAT	OR	OFF	2005/03/14 14:37
L8	0	energy adj finite adj element adj model	USPAT	OR	OFF	2005/03/14 14:37
L9	4	efem	USPAT	OR	OFF	2005/03/14 14:50
L10	1	ice and star-cd	USPAT	OR	OFF	2005/03/14 14:53
L11	77	3d adj mesh	USPAT	OR	OFF	2005/03/14 14:54
L12	3	11 and acoustic	USPAT	OR	OFF	2005/03/14 14:54



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#)^{New!} [more »](#)

finite element exhaust design cad

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 10 of about 7,220 for finite element exhaust design cad. (0.23 seconds)

[PDF] [Automated Integrated Finite Element Analysis Using MSC.Nastran and ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Optimisation with Application to **Exhaust System Design** ... N., "Integrating Engineering **Design** and Analysis ... and Applications of **Finite Element Analysis**", John ...

www.mscsoftware.com/support/library/conf/auto00/p05300.pdf - [Similar pages](#)

[Ohio University Coal Research - Student Biographies](#)

... and remaining by injecting various gases such as SO₂, CO₂ etc., on the **exhaust** side. ... **Computer Aided Design (CAD)**. ... **Finite Element Analysis** in Bio-Engineering. ...

www.ent.ohiou.edu/~ohiocoal/students/Kalyan.htm - 27k - [Cached](#) - [Similar pages](#)

[Khodayss Technologies Limited](#)

... mixing of fresh air with **exhaust** gases ... using parameter **design**, Robust **design & design** of experiments ... of the popular & versatile **finite element** software – Ansys ...

www.khodaysstech.com/services3.htm - 27k - [Cached](#) - [Similar pages](#)

[CAD User Online Article Archive](#)

... Abaqus allows **finite elements** to be added to the ... can be used for analysing **exhaust** systems, loudspeakers ... complex Abaqus analysis into a **design** system, based on ...

www.caduser.com/reviews/reviews.asp?a_id=97 - 17k - [Cached](#) - [Similar pages](#)

... [CAD news](#) ... www.cadproe.com ...

... COSMOSWorks™ – a **finite element analysis** (FEA ... around **designs** for products ranging from **exhaust** valves to ... step by step through the **design** analysis process to ...

www.cadproe.com/europe/news.asp?text=76 - 31k - [Cached](#) - [Similar pages](#)

[Digital CAD - Computer Aided Design \(CAD\) Resource](#)

... software to **design** the sweeping **exhaust** pipes, daring ... 60 minutes per day per **design** person by ... product NEiWorks, an embedded Nastran **finite element analysis** (FEA ...

www.digitalcad.com/articles/listarticle.jsp?type=home-24-20-20 - 63k - [Cached](#) - [Similar pages](#)

[Middle East Technical University Areas of Interest Department of ...](#)

... Engineering **Design** **Design** Engineering Engineering ... Detection Radiation Measurement **Exhaust** Emission Control ... Plastic Plasticity **Finite Element Analysis** **Element** ...

ia.metu.edu.tr/en/as/000b0241makinamuhendisligibolumu.htm - 98k - [Cached](#) - [Similar pages](#)

[SAE Automotive CAD Certification Program: Automotive Powertrain ...](#)

... engine components, including fuel, **exhaust**, brake, suspension ... leverages real-world **design** problems presented by ... the basics of **finite element analysis**; Recognize ...

www.sae.org/events/training/certifications/accpowertrain.htm - 25k - [Cached](#) - [Similar pages](#)

[SwRI Technology Today - "Engine Design"](#)

... blow-down process after the **exhaust** valves are ... in tribology, fluid dynamics, and **finite element analysis**, respectively ... provides the means to **design** a component ...

www.swri.edu/3pubs/today/spring96/today1.htm - 27k - [Cached](#) - [Similar pages](#)

[Oceania - Digital Media Technology and News](#)

... to **design** the sweeping **exhaust** pipes, daring ... electrical, piping, and instrumentation



Web Images Groups News Froogle Local^{New!} more »

cad mesh 3d muffler design

Search

Advanced Search
Preferences

Web

Results 1 - 10 of about 957 for cad mesh 3d muffler design. (0.25 seconds)

Great Lakes Sounds & Vibration - VNoise Acoustic Software

... as well as modification of 2D/3D graphical outputs ... Library of CAD elements (including various edges and panels ... for the calculation and the required mesh will be ...

www.glsv.com/vnoise-details.html - 26k - [Cached](#) - [Similar pages](#)

VNoise: Product Details

... Graphical interface: Availability of a library of CAD elements (including various ... Mesh Coarsening realised through advanced 3D interpolation routines ...

www.sts-soft.com/VNoise_details.htm - 13k - [Cached](#) - [Similar pages](#)

[PDF] VNOISE

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Availability of a library of CAD elements (including ... o Mesh Coarsening realised through advanced 3D interpolation ... o Printing of 3D windows in postscript format ...

www.sts-soft.com/VNoise.pdf - [Similar pages](#)

[PDF] Low-frequency noise and vibration simulation for product design ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... With FEM, one has to create a 3D-element mesh ... proven functionalities and robustness of this CAD/CAM/CAE ... to import, process and store FE meshes, process normal ...

www.esi-group.com/SimulationSoftware/Noise_vibration/flyer.pdf - [Similar pages](#)

rcmsblankpage

... gears are used to improve the gear mesh and reduce gear ... Battery holders for attaching ni-cad batteries to the ... KSJ1383 3D BLADE SPINDLE SHAFT: JR 30-50, VENTURE ...

www.rchelisplus.com/k&snewseptitems.htm - 27k - [Cached](#) - [Similar pages](#)

Technical Support

... tremendously by using the VOXEL technique of CAD systems. ... the integration process we have developed specific mesh generators for 3D contact elements ...

www.mscsoftware.com/support/library/conf/amuc98/index.cfm - 76k - [Cached](#) - [Similar pages](#)

Technical Support

... the model is generated by importing CAD data from ... the creation of very complex 3D element meshes ... of the open CAE environment, advanced meshing capability, ease ...

www.mscsoftware.com/support/library/conf/wuc93-99_2.cfm - 101k - [Cached](#) - [Similar pages](#)

[PDF] To the Graduate Council: I am submitting herewith a thesis written ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... it is necessary to have the 3D model and ... and subsequent processing to allow perfect

Sponsored Links

2D and 3D Product Design

2D and 3D design by experts in manufacturing and tooling.
www.brightopinc.com

3D Design Software Store

Large Selection Of 3D Software
Easy Navigation - Great Prices!
www.novedge.com

Free 3D CAD Software

Download free CAD software & order custom metal components online.
www.eMachineShop.com

Easy to use 3D CAD

Professional and affordable CAD.
Design and view in realtime 3D.
www.ac3d.org

Cad Design

Quick & Easy Project Outsourcing.
Access to 1000s of Professionals.
www.ElanceOnline.com

Design Cad Software

Software Store Ratings & Reviews.
Compare Prices to Get the Best Deal
www.bottomdollar.com

design from IFS ... a SolidWorks embedded Nastran finite element analysis (FEA ...
oceania.digitalmedianet.com/articles/ listarticle.jsp?type=cadsplash-403-10-20 - 55k - [Cached](#) - [Similar pages](#)

Goooooooooooooogle ►

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

Free! Google Desktop Search: Search your own computer. [Download now.](#)

Find:  emails -  files -  chats -  web history -  media -  PDF

finite element exhaust design cad [Search](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2005 Google



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#)^{New!} [more »](#)

cad mesh 3d exhaust design automobile

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 21 - 30 of about 2,390 for cad mesh 3d exhaust design automobile. (0.25 seconds)

Course Descriptions

... CAD/CAM/CAE; Computer Integrated Manufacture; Rapid prototyping ... Stereolithography, selective layer sintering; 3D printing; Laser ... Discretisation and meshes for CFD ...

www.sussex.ac.uk/engineering/1-2-8-14-1.html - 17k -

[Cached](#) - [Similar pages](#)

[PDF] Portable CMM + Laser Scanner

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... used to construct the surface in polygon mesh for output ... does not directly correlate

to the 3D CAD model of ... to continuous mathematics used in CAD is discrete ...

www.geomagic.com/news/reviews/TCTauto.pdf - [Similar pages](#)

[PDF] TEB/02-331 Rivagebrosch_e.RZ

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... model-makers, 3D metrologists and CAD/CAM experts ... in the locations where the STL

meshes were ground. ... Techniques, Braunschweig, www.gom.com CAD/CAM systems ...

www.gom.com/pub/publications/Rivage_en.pdf - [Similar pages](#)

CD-adapco - CFD news - Powertrain Thermal Analysis - Lotus Uses ...

... We could build a complete 3D CFD model of the gas exchange process, including a moving mesh and combustion ... for the cylinders, the inlet and exhaust ports, and ...

www.cd-adapco.com/news/22/lotuscfid.htm - 18k -

[Cached](#) - [Similar pages](#)

CD-adapco - STAR/KINetics: A New Tool for Reacting Flow Analysis

... and new coupled solvers with CAD-embedded versions ... Renault R & D, described how 3D simulations with ... University of Manchester (LES applied on polyhedral mesh). ...

www.cd-adapco.com/news/releases/fr_ugm.htm - 18k -

[Cached](#) - [Similar pages](#)

[[More results from www.cd-adapco.com](#)]

CFD Review: Serving the CFD Community with News, Articles, and ...

... Will it be the same as I get from the above equation for 3D simulation?". ... Wednesday December 15. Release of GAMBIT 2.2 Takes CAD Cleanup and CFD Meshing to a ...

www.cfdreview.com/index.pl?section=&issue=732332&mode=nested - 86k - [Cached](#) - [Similar pages](#)

Starworks

Sponsored Links

2D and 3D Product Design

2D and 3D design by experts in manufacturing and tooling.

www.brightopinc.com

3D Design Software Store

Large Selection Of 3D Software

Easy Navigation - Great Prices!

www.novedge.com

Free 3D CAD Software

Download free CAD software & order custom metal components online.

www.eMachineShop.com

Easy to use 3D CAD

Professional and affordable CAD.

Design and view in realtime 3D.

www.ac3d.org

Automotive Design at

Studio RD. Multitacted design firm producing fine aircrafts and yachts

www.studiord.com

3D Cars Demo

Optimized for Visualization

Get real. Get rpc.

www.archvision.com

Cad Design

1000s of experts rated & used by Businesses. View profiles & choose.

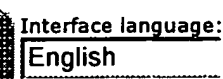
www.ElanceOnline.com

3D-Modell DownloadShop

Anatomie, Autos, Möbel, Pflanzen

usw - digitale Sets mit Garantie

www.3-d-models.com/de-index.html



Databases selected: Multiple databases...

[New scholarly features & content!](#)

Results

38 documents found for: *optistruct* [Setup Alert](#) [About](#)[All sources](#) [Trade Publications](#) [Newspapers](#)☐ [Mark / Clear](#) all on page[View marked documents](#) [Show all documents](#)Sort results by: [Most recent first](#)

-
- ☐ 1. **Ford saves \$1.1 million on bracket re-design using FEA and optimisation**
Dean Palmer. Eureka. Horton Kirby: Jan 2005. Vol. 25, Iss. 1; p. 30 (2 pages)
 [Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 2. **Byting points**
John Pullin. Professional Engineering. Bury St. Edmunds: Jun 9, 2004. Vol. 17, Iss. 10; p. 45
 [Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 3. **Get the Most from Your Casting Process**
Lawrence E Smiley. Foundry Management & Technology. Cleveland: May 2004. Vol. 132, Iss. 5; p. 22 (3 pages)
 [Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 4. **e-business: Engineering virtual design techniques make savings; [FIRST Edition]**
Birmingham Post. Birmingham (UK): Nov 18, 2003. p. 19
 [Full text](#) [Abstract](#)
-
- ☐ 5. **Software/Hardware**
Design News. Boston: May 5, 2003. Vol. 58, Iss. 7; p. 116
 [Full text](#) [Citation](#)
-
- ☐ 6. **FEA better simulates extrusions and flat patterns**
Paul Dvorak. Machine Design. Cleveland: Apr 3, 2003. Vol. 75, Iss. 7; p. 48 (2 pages)
 [Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 7. **Spatial and Altair Engineering Partner to Provide OptiStruct for CATIA V5 Architecture**
Business Editors/High-Tech Writers. Business Wire. New York: Apr 1, 2003. p. 1
 [Full text](#) [Abstract](#)
-
- ☐ 8. **SGI's New Linux Servers and Superclusters Shatter Scalability And Performance Records**
PR Newswire. New York: Jan 7, 2003. p. 1
 [Full text](#) [Abstract](#)
-
- ☐ 9. **Take cover**
Building Design. Tonbridge: Aug 23, 2002. p. 18
 [Full text](#) [Abstract](#)
-

- ☐ 10. **FEA and optimization leads to a more-efficient design process**
Paul Dvorak. Machine Design. Cleveland: Oct 11, 2001. Vol. 73, Iss. 19; p. 54 (2 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 11. **Broadening vistas of design optimization**
Marc Halpern. Computer - Aided Engineering. Cleveland: May 2000. Vol. 19, Iss. 5; p. 24 (3 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 12. **Connecting with the future**
John S McClenahan. Industry Week. Cleveland: Apr 17, 2000. Vol. 249, Iss. 8; p. 44 (6 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 13. **Software savvy**
Corie E Curtiss. Foundry Management & Technology. Cleveland: Apr 2000. Vol. 128, Iss. 4; p. 20 (8 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 14. **Metropolitan Detroit-based Engineering Firm - Altair Engineering Inc. - Plays Integral Role in Success of AmericaOne: Leading Contender for America's Cup**
PR Newswire. New York: Jan 31, 2000. p. 1
[Full text](#) [Abstract](#)
-
- ☐ 15. **Optimization software has topography**
Lori E Jareo. Modern Machine Shop. Cincinnati: Nov 1999. Vol. 72, Iss. 6; p. 194 (2 pages)
[Full text](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 16. **HyperWorks 3.1**
Robert Mills. Computer - Aided Engineering. Cleveland: Jun 1999. Vol. 18, Iss. 6; p. 22 (2 pages)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 17. **FEA rises to the challenge**
Robert Mills. Computer - Aided Engineering. Cleveland: May 1999. Vol. 18, Iss. 5; p. 34 (5 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 18. **SDRC's Interface Between Metaphase and Pro/INTRALINK is Available; Initial Installation at Raytheon**
Business Editors and High-Tech Writers. Business Wire. New York: Apr 21, 1999. p. 1
[Full text](#) [Abstract](#)
-
- ☐ 19. **Topology optimization software**
John M Jordan, Lori E Jareo, Johanna L Bradbury. Modern Machine Shop. Cincinnati: Jan 1999. Vol. 71, Iss. 8; p. 173 (1 page)
[Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 20. **Dual algorithm solves problems faster**
Anonymous. Design News. Boston: Oct 5, 1998. Vol. 53, Iss. 19; p. 22 (1 page)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 21. **Shape optimizer gets faster solver**
Anonymous. Machine Design. Cleveland: Jan 15, 1998. Vol. 70, Iss. 1; p. 127 (1 page)
[Full text](#) [Page Image - PDF](#) [Citation](#)
-

- ☐ 22. **Optimizing material topology**
Dan Deitz. Mechanical Engineering. New York: Jan 1998. Vol. 120, Iss. 1; p. 20 (1 page)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 23. **Program's optimize design**
Anonymous. Manufacturing Engineering. Dearborn: Dec 1997. Vol. 119, Iss. 6; p. 24 (1 page)
[Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 24. **Concurrent product development**
Anonymous. Machine Design. Cleveland: Nov 21, 1996. Vol. 68, Iss. 21; p. 124 (3 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 25. **Shaping up in Pro/E**
Mills, Robert. Computer - Aided Engineering. Cleveland: Nov 1996. Vol. 15, Iss. 11; p. 78 (1 page)
[Full text](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 26. **From advanced jets to toys, OptiStruct is helping companies get it right the first time**
Anonymous. Design News. Boston: Sep 23, 1996. p. S15 (1 page)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 27. **HyperShape design synthesis software for Pro/ENGINEER**
Anonymous. Design News. Boston: Sep 23, 1996. p. S10 (2 pages)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 28. **Mattel analyzes analysis**
Wallach, John M. Computer - Aided Engineering. Cleveland: Apr 1996. Vol. 15, Iss. 4; p. 52 (2 pages)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 29. **Tools for speed**
Dvorak, Paul. Computer - Aided Engineering. Cleveland: Jul 1995. Vol. 14, Iss. 7; p. 18A (5 pages)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 30. **Software puts function first**
Mills, Robert. Computer - Aided Engineering. Cleveland: Jun 1995. Vol. 14, Iss. 6; p. 42 (5 pages)
[Full text](#) [Page Image - PDF](#) [Abstract](#)

1-30 of 38

< First | < Previous 1 2 Next >

Want an alert for new results sent by email? [Setup Alert](#) [About](#)

Results per page:

Basic Search

Tools: [Search Tips](#) [Browse Topics](#) [1 Recent Searches](#)

Database: ☒ [Select multiple databases](#)

Date range:

Limit results to: ☒ Full text documents only

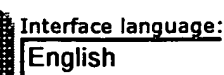
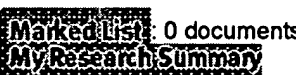
☐ Scholarly journals, including peer-reviewed  [About](#)

 [More Search Options](#) 

Copyright © 2005 ProQuest Information and Learning Company. All rights reserved. [Terms and Conditions](#)

[Text-only interface](#)

From: ProQuest
COMPANY



Databases selected: Multiple databases...




























[New scholarly features & content!](#)

Results

38 documents found for: *optistruct* [Setup Alert](#) [About](#)[All sources](#) [Trade Publications](#) [Newspapers](#)☐ [Mark / Clear](#) all on page[View marked documents](#)[Show all documents](#)Sort results by: [Most recent first](#)

-
- ☐ 1. **Ford saves \$1.1 million on bracket re-design using FEA and optimisation**
Dean Palmer. *Eureka*. Horton Kirby: Jan 2005. Vol. 25, Iss. 1; p. 30 (2 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 2. **Byting points**
John Pullin. *Professional Engineering*. Bury St. Edmunds: Jun 9, 2004. Vol. 17, Iss. 10; p. 45
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 3. **Get the Most from Your Casting Process**
Lawrence E Smiley. *Foundry Management & Technology*. Cleveland: May 2004. Vol. 132, Iss. 5; p. 22 (3 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 4. **e-business: Engineering virtual design techniques make savings; [FIRST Edition]**
Birmingham Post. Birmingham (UK): Nov 18, 2003. p. 19
[Full text](#) [Abstract](#)
-
- ☐ 5. **Software/Hardware**
Design News. Boston: May 5, 2003. Vol. 58, Iss. 7; p. 116
[Full text](#) [Citation](#)
-
- ☐ 6. **FEA better simulates extrusions and flat patterns**
Paul Dvorak. *Machine Design*. Cleveland: Apr 3, 2003. Vol. 75, Iss. 7; p. 48 (2 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 7. **Spatial and Altair Engineering Partner to Provide OptiStruct for CATIA V5 Architecture**
Business Editors/High-Tech Writers. *Business Wire*. New York: Apr 1, 2003. p. 1
[Full text](#) [Abstract](#)
-
- ☐ 8. **SGL's New Linux Servers and Superclusters Shatter Scalability And Performance Records**
PR Newswire. New York: Jan 7, 2003. p. 1
[Full text](#) [Abstract](#)
-
- ☐ 9. **Take cover**
Building Design. Tonbridge: Aug 23, 2002. p. 18
[Full text](#) [Abstract](#)
-

- ☐ 10. **FEA and optimization leads to a more-efficient design process**
Paul Dvorak. Machine Design. Cleveland: Oct 11, 2001. Vol. 73, Iss. 19; p. 54 (2 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 11. **Broadening vistas of design optimization**
Marc Halpern. Computer - Aided Engineering. Cleveland: May 2000. Vol. 19, Iss. 5; p. 24 (3 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 12. **Connecting with the future**
John S McClenahan. Industry Week. Cleveland: Apr 17, 2000. Vol. 249, Iss. 8; p. 44 (6 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 13. **Software savvy**
Corie E Curtiss. Foundry Management & Technology. Cleveland: Apr 2000. Vol. 128, Iss. 4; p. 20 (8 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 14. **Metropolitan Detroit-based Engineering Firm - Altair Engineering Inc. - Plays Integral Role in Success of AmericaOne: Leading Contender for America's Cup**
PR Newswire. New York: Jan 31, 2000. p. 1
[Full text](#) [Abstract](#)
-
- ☐ 15. **Optimization software has topography**
Lori E Jareo. Modern Machine Shop. Cincinnati: Nov 1999. Vol. 72, Iss. 6; p. 194 (2 pages)
[Full text](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 16. **HyperWorks 3.1**
Robert Mills. Computer - Aided Engineering. Cleveland: Jun 1999. Vol. 18, Iss. 6; p. 22 (2 pages)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 17. **FEA rises to the challenge**
Robert Mills. Computer - Aided Engineering. Cleveland: May 1999. Vol. 18, Iss. 5; p. 34 (5 pages)
[Text+Graphics](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 18. **SDRC's Interface Between Metaphase and Pro/INTRALINK is Available; Initial Installation at Raytheon**
Business Editors and High-Tech Writers. Business Wire. New York: Apr 21, 1999. p. 1
[Full text](#) [Abstract](#)
-
- ☐ 19. **Topology optimization software**
John M Jordan, Lori E Jareo, Johanna L Bradbury. Modern Machine Shop. Cincinnati: Jan 1999. Vol. 71, Iss. 8; p. 173 (1 page)
[Text+Graphics](#) [Page Image - PDF](#) [Citation](#)
-
- ☐ 20. **Dual algorithm solves problems faster**
Anonymous. Design News. Boston: Oct 5, 1998. Vol. 53, Iss. 19; p. 22 (1 page)
[Full text](#) [Page Image - PDF](#) [Abstract](#)
-
- ☐ 21. **Shape optimizer gets faster solver**
Anonymous. Machine Design. Cleveland: Jan 15, 1998. Vol. 70, Iss. 1; p. 127 (1 page)
[Full text](#) [Page Image - PDF](#) [Citation](#)
-

- ☐ 22. **Optimizing material topology**
Dan Deitz. Mechanical Engineering. New York: Jan 1998. Vol. 120, Iss. 1; p. 20 (1 page)
 [Text+Graphics](#)  [Page Image - PDF](#)  [Abstract](#)
-
- ☐ 23. **Program's optimize design**
Anonymous. Manufacturing Engineering. Dearborn: Dec 1997. Vol. 119, Iss. 6; p. 24 (1 page)
 [Text+Graphics](#)  [Page Image - PDF](#)  [Citation](#)
-
- ☐ 24. **Concurrent product development**
Anonymous. Machine Design. Cleveland: Nov 21, 1996. Vol. 68, Iss. 21; p. 124 (3 pages)
 [Text+Graphics](#)  [Page Image - PDF](#)  [Citation](#)
-
- ☐ 25. **Shaping up in Pro/E**
Mills, Robert. Computer - Aided Engineering. Cleveland: Nov 1996. Vol. 15, Iss. 11; p. 78 (1 page)
 [Full text](#)  [Page Image - PDF](#)  [Citation](#)
-
- ☐ 26. **From advanced jets to toys, OptiStruct is helping companies get it right the first time**
Anonymous. Design News. Boston: Sep 23, 1996. p. S15 (1 page)
 [Full text](#)  [Page Image - PDF](#)  [Abstract](#)
-
- ☐ 27. **HyperShape design synthesis software for Pro/ENGINEER**
Anonymous. Design News. Boston: Sep 23, 1996. p. S10 (2 pages)
 [Full text](#)  [Page Image - PDF](#)  [Abstract](#)
-
- ☐ 28. **Mattel analyzes analysis**
Wallach, John M. Computer - Aided Engineering. Cleveland: Apr 1996. Vol. 15, Iss. 4; p. 52 (2 pages)
 [Full text](#)  [Page Image - PDF](#)  [Abstract](#)
-
- ☐ 29. **Tools for speed**
Dvorak, Paul. Computer - Aided Engineering. Cleveland: Jul 1995. Vol. 14, Iss. 7; p. 18A (5 pages)
 [Full text](#)  [Page Image - PDF](#)  [Abstract](#)
-
- ☐ 30. **Software puts function first**
Mills, Robert. Computer - Aided Engineering. Cleveland: Jun 1995. Vol. 14, Iss. 6; p. 42 (5 pages)
 [Full text](#)  [Page Image - PDF](#)  [Abstract](#)

1-30 of 38

< First | < Previous 1 2 Next >

Want an alert for new results sent by email? [Setup Alert](#) [About](#)

Results per page:

Basic Search

Tools: [Search Tips](#) [Browse Topics](#) [1 Recent Searches](#)

Database: ☒ [Select multiple databases](#)

Date range: ☒

Limit results to: ☒ Full text documents only 

☐ Scholarly journals, including peer-reviewed  [About](#)

 [More Search Options](#) 

Copyright © 2005 ProQuest Information and Learning Company. All rights reserved. [Terms and Conditions](#)

[Text-only interface](#)

From: ProQuest
COMPANY



Creation date: 04-12-2005
Indexing Officer: KTESHOME - KEFYALEW TESHOME
Team: OIPEBackFileIndexing
Dossier: 09997645

Legal Date: 02-17-2005

No.	Doccode	Number of pages
1	SRNT	22

Total number of pages: 22

Remarks:

Order of re-scan issued on